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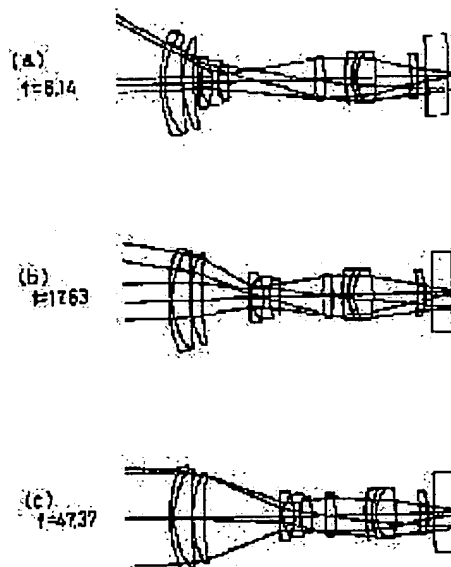
(54) ZOOM LENS

(57) Abstract:

PURPOSE: To provide the zoom lens which is drastically reduced in cost as compared to heretofore by compatibly attaining the higher variable power ratio of about 8 times required for a small-sized video camera, etc., and the compactness and the multiplier use of plastic lenses while maintaining the brightness of about F2.

CONSTITUTION: This zoom lens is constituted, successively from an object side, of a first lens component which has a positive refracting power, a second lens component which has a negative refracting power and is movable for the purpose of variable power, a third lens component which has a positive refracting power and is stationary, a fourth lens component which has a positive refracting power and corrects the position change of the image plane at the time of variable power and a fifth lens component which is stationary.

The second lens component is constituted, successively from the object side, negative, negative and positive single lenses. Respectively one piece of the negative lens and the positive lens in the second lens component are constituted of the plastic lenses and one piece of the negative lens is constituted of inorg. glass lens. The zoom lens has at least one face of aspherical faces in the second lens component.



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